RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:	10/767,200
Source:	
Date Processed by STIC:	

ENTERED



IFWO

RAW SEQUENCE LISTING

DATE: 10/19/2004

PATENT APPLICATION: US/10/767,200

TIME: 10:52:44

Input Set : N:\Crf3\RULE60\10767200.raw.txt Output Set: N:\CRF4\10192004\J767200.raw

SEQUENCE LISTING

3 (1) GENERAL INFORMATION:

GENNA, MARCO GIORGETTI, Carla LANSEN, Jacqueline PRONCUCCI, Romeo RONCUCCI, Romeo RONCUCCI, Romeo THEIR USE FOR THE IDENTIFICATION, IMMUNOPURIFICATION AND THEIR USE FOR THE IDENTIFICATION, IMMUNOPURIFICATION AND CIVIC CORRESPONDENCE ADDRESS: CIVIC COUNTRY: United States of America CIVIC COUNTRY: United States CIVIC COUNTRY: United States CIVIC COUNTRY: United States CIVIC COU		5	(i)	APPLICANT: MOLINARI, Antonio
B		6		GERNA, Marco
9 RONCUCCI, Romeo 11 (ii) TITLE OF INVENTION: ANTI-HIRUDIN POLYCLONAL ANTIBODIES AND 12 THEIR USE FOR THE IDENTIFICATION, IMMUNOPURIFICATION AND 13 QUANTITATIVE DETERMINATION OF HIRUDIN 15 (iii) NUMBER OF SEQUENCES: 5 17 (iv) CORRESPONDENCE ADDRESS: 18 (A) ADDRESSEE: Nikaido, Marmelstein, Murray & Oram 19 (B) STREET: 655 Fifteenth St. N.W., Suite 330 20 (C) CITY: Washington 21 (D) STATE: D.C. 22 (E) COUNTRY: United States of America 23 (F) ZIP: 20005-5701 25 (V) COMPUTER READABLE FORM: 26 (A) MEDIUM TYPE: Floppy disk 27 (B) COMPUTER: IBM PC compatible 28 (C) OPERATING SYSTEM: PC-DOS/MS-DOS 29 (D) SOFTWARE: Wordperfect 5.1 31 (vi) CURRENT APPLICATION DATA: C> 32 (A) APPLICATION DATA: C> 33 (B) FILING DATE: 30-Jan-2004 34 (C) CLASSIFICATION: 436 36 (vii) PRIOR APPLICATION DATA: W> 37 (A) APPLICATION NUMBER: US/08/603,182 38 (B) FILING DATE: 1996-FEB-20 W> 39 (A) APPLICATION NUMBER: US/08/503,797 42 (B) FILING DATE: W> 41 (A) APPLICATION NUMBER: US/07/993,797 42 (B) FILING DATE: W> 43 (A) APPLICATION NUMBER: US/08/205,764 44 (B) FILING DATE: W> 44 (B) FILING DATE: W> 45 (A) APPLICATION NUMBER: US/08/205,764 46 (Viii) ATTORNEY/AGENT INFORMATION: 47 (A) APPLICATION NUMBER: IT MI91A001767 48 (B) FILING DATE: 49 (C) REFERENCE/DOCKET NUMBER: 1615-2001 51 (IX) TELECOMMUNICATION INFORMATION: 52 (A) TELECOMMUNICATION INFORMATION: 53 (A) TELEPHONE: 202-638-5000		7		GIORGETTI, Carla
11		8		LANSEN, Jacqueline
THEIR USE FOR THE IDENTIFICATION, IMMUNOPURIFICATION AND QUANTITATIVE DETERMINATION OF HIRUDIN		9		RONCUCCI, Romeo
THEIR USE FOR THE IDENTIFICATION, IMMUNOPURIFICATION AND QUANTITATIVE DETERMINATION OF HIRUDIN		11	(ii)	TITLE OF INVENTION: ANTI-HIRUDIN POLYCLONAL ANTIBODIES AND
15 (iii) NUMBER OF SEQUENCES: 5 17 (iv) CORRESPONDENCE ADDRESS: 18 (A) ADDRESSEE: Nikaido, Marmelstein, Murray & Oram 19 (B) STREET: 655 Fifteenth St. N.W., Suite 330 20 (C) CITY: Washington 21 (D) STATE: D.C. 22 (E) COUNTRY: United States of America 23 (F) ZIP: 20005-5701 25 (v) COMPUTER READABLE FORM: 26 (A) MEDIUM TYPE: Floppy disk 27 (B) COMPUTER: IBM PC compatible 28 (C) OPERATING SYSTEM: PC-DOS/MS-DOS 29 (D) SOFTWARE: Wordperfect 5.1 31 (vi) CURRENT APPLICATION DATA: C> 32 (A) APPLICATION NUMBER: US/10/767,200 C> 33 (B) FILING DATE: 30-Jan-2004 34 (C) CLASSIFICATION: 436 36 (vii) PRIOR APPLICATION DATA: W> 37 (A) APPLICATION DATA: W> 38 (B) FILING DATE: 1996-FEB-20 W> 39 (A) APPLICATION NUMBER: US/08/205,764 40 (B) FILING DATE: 1996-FEB-20 W> 41 (A) APPLICATION NUMBER: US/07/903,797 42 (B) FILING DATE: 27-JUN-1991 46 (viii) ATTORNEY/AGENT INFORMATION: 47 (A) NAME: MONICAE IT MI91A001767 48 (B) FILING DATE: 27-JUN-1991 46 (viii) ATTORNEY/AGENT INFORMATION: 47 (C) REFERENCE/DOCKET NUMBER: 1615-2001 51 (ix) TELECOMMUNICATION INFORMATION: 52 (A) TELEPHONE: 202-638-5000		12		THEIR USE FOR THE IDENTIFICATION, IMMUNOPURIFICATION AND
17 (iv) CORRESPONDENCE ADDRESS: 18 (A) ADDRESSEE: Nikaido, Marmelstein, Murray & Oram 19 (B) STREET: 655 Fifteenth St. N.W., Suite 330 20 (C) CITY: Washington 21 (D) STATE: D.C. 22 (E) COUNTRY: United States of America 23 (F) ZIP: 20005-5701 25 (V) COMPUTER READABLE FORM: 26 (A) MEDIUM TYPE: Ploppy disk 27 (B) COMPUTER: IBM PC compatible 28 (C) OPERATING SYSTEM: PC-DOS/MS-DOS 29 (D) SOFTWARE: Wordperfect 5.1 31 (Vi) CURRENT APPLICATION DATA: C> 32 (A) APPLICATION NUMBER: US/0767,200 C> 33 (B) FILING DATE: 30-Jan-2004 34 (C) CLASSIFICATION: 436 36 (Vii) PRIOR APPLICATION DATA: W> 37 (A) APPLICATION NUMBER: US/08/603,182 38 (B) FILING DATE: 1996-FEB-20 40 (B) FILING DATE: 1996-FEB-20 40 (B) FILING DATE: US/07/903,797 41 (A) APPLICATION NUMBER: US/07/903,797 42 (B) FILING DATE: W> 41 (A) APPLICATION NUMBER: US/07/903,797 42 (B) FILING DATE: 44 (B) FILING DATE: 45 (Viii) ATTORNEY/AGENT INFORMATION: 46 (Viii) ATTORNEY/AGENT INFORMATION: 47 (A) NAMB: Monica F. Chin 48 (B) REGISTRATION NUMBER: 36,105 51 (ix) TELECOMMUNICATION INFORMATION: 52 (A) TELEPHONE: 202-638-5000		13		QUANTITATIVE DETERMINATION OF HIRUDIN
18		15	(iii)	NUMBER OF SEQUENCES: 5
19 (B) STREET: 655 Fifteenth St. N.W., Suite 330 20 (C) CITY: Washington 21 (D) STATE: D.C. 22 (E) COUNTRY: United States of America 23 (F) ZIP: 20005-5701 25 (V) COMPUTER READABLE FORM: 26 (A) MEDIUM TYPE: Floppy disk 27 (B) COMPUTER: IBM PC compatible 28 (C) OPERATING SYSTEM: PC-DOS/MS-DOS 29 (D) SOFTWARE: Wordperfect 5.1 31 (Vi) CURRENT APPLICATION DATA: C> 32 (A) APPLICATION NUMBER: US/10/767,200 C-> 33 (B) FILING DATE: 30-Jan-2004 34 (C) CLASSIFICATION: 436 36 (Vii) PRIOR APPLICATION DATA: W> 37 (A) APPLICATION NUMBER: US/08/603,182 38 (B) FILING DATE: 1996-FEB-20 W> 39 (A) APPLICATION NUMBER: US/08/205,764 40 (B) FILING DATE: W> 41 (A) APPLICATION NUMBER: US/08/205,764 40 (B) FILING DATE: W> 41 (A) APPLICATION NUMBER: US/07/903,797 42 (B) FILING DATE: W> 43 (A) APPLICATION NUMBER: IT MI91A001767 44 (B) FILING DATE: W> 43 (A) APPLICATION NUMBER: 1615-2001 46 (Viii) ATTORNEY/AGENT INFORMATION: 47 (A) NAME: Monica F. Chin 48 (B) REGISTRATION NUMBER: 36,105 (C) REFERENCE/DOCKET NUMBER: 1615-2001 51 (ix) TELECOMMUNICATION INFORMATION: 52 (A) TELEPHONE: 202-638-5000		17	(iv)	CORRESPONDENCE ADDRESS:
C		18		(A) ADDRESSEE: Nikaido, Marmelstein, Murray & Oram
21 (D) STATE: D.C. 22 (E) COUNTRY: United States of America 23 (F) ZIP: 20005-5701 25 (V) COMPUTER READABLE FORM: 26 (A) MEDIUM TYPE: Floppy disk 27 (B) COMPUTER: IBM PC compatible 28 (C) OPERATING SYSTEM: PC-DOS/MS-DOS 29 (D) SOFTWARE: Wordperfect 5.1 31 (Vi) CURRENT APPLICATION DATA: C> 32 (A) APPLICATION NUMBER: US/10/767,200 C> 33 (B) FILING DATE: 30-Jan-2004 34 (C) CLASSIFICATION: 436 36 (Vii) PRIOR APPLICATION DATA: W> 37 (A) APPLICATION DATA: W> 38 (B) FILING DATE: 1996-FEB-20 W> 39 (A) APPLICATION NUMBER: US/08/603,182 38 (B) FILING DATE: 1996-FEB-20 W> 40 (B) FILING DATE: W> 41 (A) APPLICATION NUMBER: US/07/903,797 42 (B) FILING DATE: W> 43 (A) APPLICATION NUMBER: IT MI91a001767 44 (B) FILING DATE: 27-JUN-1991 46 (Viii) ATTORNEY/AGENT INFORMATION: 47 (A) NAME: MODICA F. Chin 48 (B) REGISTRATION NUMBER: 36,105 49 (C) REFERENCE/DOCKET NUMBER: 1615-2001 51 (ix) TELECOMMUNICATION INFORMATION: 52 (A) TELEPHONE: 202-638-5000		19		
COUNTRY: United States of America		20		(C) CITY: Washington
23 (F) ZIP: 20005-5701 25 (V) COMPUTER READABLE FORM: 26 (A) MEDIUM TYPE: Floppy disk 27 (B) COMPUTER: IBM PC compatible 28 (C) OPERATING SYSTEM: PC-DOS/MS-DOS 29 (D) SOFTWARE: Wordperfect 5.1 31 (VI) CURRENT APPLICATION DATA: C> 32 (A) APPLICATION NUMBER: US/10/767,200 C> 33 (B) FILING DATE: 30-Jan-2004 34 (C) CLASSIFICATION: 436 36 (VII) PRIOR APPLICATION DATA: W> 37 (A) APPLICATION NUMBER: US/08/603,182 38 (B) FILING DATE: 1996-FEB-20 W> 39 (A) APPLICATION NUMBER: US/08/205,764 40 (B) FILING DATE: W> 41 (A) APPLICATION NUMBER: US/07/903,797 42 (B) FILING DATE: W> 43 (A) APPLICATION NUMBER: IT MI91A001767 44 (B) FILING DATE: W> 45 (A) APPLICATION NUMBER: IT MI91A001767 46 (VIII) ATTORNEY/AGENT INFORMATION: 47 (A) NAME: MONICA F. Chin 48 (B) REGISTRATION NUMBER: 36,105 49 (C) REFERENCE/DOCKET NUMBER: 1615-2001 51 (IX) TELECOMMUNICATION INFORMATION: 52 (A) TELEPHONE: 202-638-5000		21		(D) STATE: D.C.
25 (v) COMPUTER READABLE FORM: 26 (A) MEDIUM TYPE: Floppy disk 27 (B) COMPUTER: IBM PC compatible 28 (C) OPERATING SYSTEM: PC-DOS/MS-DOS 29 (D) SOFTWARE: Wordperfect 5.1 31 (vi) CURRENT APPLICATION DATA: C> 32 (A) APPLICATION NUMBER: US/10/767,200 C> 33 (B) FILING DATE: 30-Jan-2004 34 (C) CLASSIFICATION: 436 36 (vii) PRIOR APPLICATION DATA: W> 37 (A) APPLICATION NUMBER: US/08/603,182 38 (B) FILING DATE: 1996-FBB-20 W> 39 (A) APPLICATION NUMBER: US/08/205,764 40 (B) FILING DATE: W> 41 (A) APPLICATION NUMBER: US/07/903,797 42 (B) FILING DATE: W> 43 (A) APPLICATION NUMBER: IT MI91A001767 44 (B) FILING DATE: 27-JUN-1991 46 (viii) ATTORNEY/AGENT INFORMATION: 47 (A) NAME: Monica F. Chin 48 (B) REGISTRATION NUMBER: 1615-2001 51 (ix) TELECOMMUNICATION INFORMATION: 52 (A) TELEPHONE: 202-638-5000		22		
26 (A) MEDIUM TYPE: Floppy disk 27 (B) COMPUTER: IBM PC compatible 28 (C) OPERATING SYSTEM: PC-DOS/MS-DOS 29 (D) SOFTWARE: Wordperfect 5.1 31 (vi) CURRENT APPLICATION DATA: C> 32 (A) APPLICATION NUMBER: US/10/767,200 C> 33 (B) FILING DATE: 30-Jan-2004 34 (C) CLASSIFICATION: 436 36 (vii) PRIOR APPLICATION DATA: W> 37 (A) APPLICATION NUMBER: US/08/603,182 38 (B) FILING DATE: 1996-FEB-20 W> 39 (A) APPLICATION NUMBER: US/08/205,764 40 (B) FILING DATE: W> 41 (A) APPLICATION NUMBER: US/07/903,797 42 (B) FILING DATE: W> 43 (A) APPLICATION NUMBER: IT MI91A001767 44 (B) FILING DATE: W> 45 (A) APPLICATION NUMBER: IT MI91A001767 46 (viii) ATTORNEY/AGENT INFORMATION: 47 (A) NAME: Monica F. Chin 48 (B) REGISTRATION NUMBER: 36,105 49 (C) REFERENCE/DOCKET NUMBER: 1615-2001 51 (ix) TELECOMMUNICATION INFORMATION: 52 (A) TELEPHONE: 202-638-5000		23		
27 (B) COMPUTER: IBM PC compatible 28 (C) OPERATING SYSTEM: PC-DOS/MS-DOS 29 (D) SOFTWARE: Wordperfect 5.1 31 (vi) CURRENT APPLICATION DATA: C> 32 (A) APPLICATION NUMBER: US/10/767,200 C> 33 (B) FILING DATE: 30-Jan-2004 34 (C) CLASSIFICATION: 436 36 (vii) PRIOR APPLICATION DATA: W> 37 (A) APPLICATION NUMBER: US/08/603,182 38 (B) FILING DATE: 1996-FEB-20 W> 39 (A) APPLICATION NUMBER: US/08/205,764 40 (B) FILING DATE: W> 41 (A) APPLICATION NUMBER: US/07/903,797 42 (B) FILING DATE: W> 43 (A) APPLICATION NUMBER: IT MI91A001767 44 (B) FILING DATE: 27-JUN-1991 46 (viii) ATTORNEY/AGENT INFORMATION: 47 (A) NAME: Monica F. Chin 48 (B) REGISTRATION NUMBER: 36,105 49 (C) REFERENCE/DOCKET NUMBER: 1615-2001 51 (ix) TELECOMMUNICATION INFORMATION: 52 (A) TELECOMMUNICATION INFORMATION:		25	(v)	
28		26		
29				
31 (vi) CURRENT APPLICATION DATA: C> 32 (A) APPLICATION NUMBER: US/10/767,200 C> 33 (B) FILING DATE: 30-Jan-2004 34 (C) CLASSIFICATION: 436 36 (vii) PRIOR APPLICATION DATA: W> 37 (A) APPLICATION NUMBER: US/08/603,182 38 (B) FILING DATE: 1996-FEB-20 W> 39 (A) APPLICATION NUMBER: US/08/205,764 40 (B) FILING DATE: W> 41 (A) APPLICATION NUMBER: US/07/903,797 42 (B) FILING DATE: W> 43 (A) APPLICATION NUMBER: IT MI91A001767 44 (B) FILING DATE: (A) APPLICATION NUMBER: 1T MI91A001767 45 (B) FILING DATE: 27-JUN-1991 46 (viii) ATTORNEY/AGENT INFORMATION: 47 (A) NAME: Monica F. Chin 48 (B) REGISTRATION NUMBER: 36,105 49 (C) REFERENCE/DOCKET NUMBER: 1615-2001 51 (ix) TELECOMMUNICATION INFORMATION: 52 (A) TELEPHONE: 202-638-5000				
C> 32		29		
C> 33			(vi)	
34 (C) CLASSIFICATION: 436 36 (vii) PRIOR APPLICATION DATA: W> 37 (A) APPLICATION NUMBER: US/08/603,182 38 (B) FILING DATE: 1996-FEB-20 W> 39 (A) APPLICATION NUMBER: US/08/205,764 40 (B) FILING DATE: W> 41 (A) APPLICATION NUMBER: US/07/903,797 42 (B) FILING DATE: W> 43 (A) APPLICATION NUMBER: IT MI91A001767 44 (B) FILING DATE: 27-JUN-1991 46 (viii) ATTORNEY/AGENT INFORMATION: 47 (A) NAME: Monica F. Chin 48 (B) REGISTRATION NUMBER: 36,105 49 (C) REFERENCE/DOCKET NUMBER: 1615-2001 51 (ix) TELECOMMUNICATION INFORMATION: 52 (A) TELEPHONE: 202-638-5000				
36 (vii) PRIOR APPLICATION DATA: W> 37	C>			
W> 37				
38 (B) FILING DATE: 1996-FEB-20 W> 39 (A) APPLICATION NUMBER: US/08/205,764 40 (B) FILING DATE: W> 41 (A) APPLICATION NUMBER: US/07/903,797 42 (B) FILING DATE: W> 43 (A) APPLICATION NUMBER: IT MI91A001767 44 (B) FILING DATE: 27-JUN-1991 46 (viii) ATTORNEY/AGENT INFORMATION: 47 (A) NAME: Monica F. Chin 48 (B) REGISTRATION NUMBER: 36,105 49 (C) REFERENCE/DOCKET NUMBER: 1615-2001 51 (ix) TELECOMMUNICATION INFORMATION: 52 (A) TELEPHONE: 202-638-5000			(vii)	
W> 39 (A) APPLICATION NUMBER: US/08/205,764 40 (B) FILING DATE: W> 41 (A) APPLICATION NUMBER: US/07/903,797 42 (B) FILING DATE: W> 43 (A) APPLICATION NUMBER: IT MI91A001767 44 (B) FILING DATE: 27-JUN-1991 46 (viii) ATTORNEY/AGENT INFORMATION: 47 (A) NAME: Monica F. Chin 48 (B) REGISTRATION NUMBER: 36,105 49 (C) REFERENCE/DOCKET NUMBER: 1615-2001 51 (ix) TELECOMMUNICATION INFORMATION: 52 (A) TELEPHONE: 202-638-5000	W>			
40 (B) FILING DATE: W> 41 (A) APPLICATION NUMBER: US/07/903,797 42 (B) FILING DATE: W> 43 (A) APPLICATION NUMBER: IT MI91A001767 44 (B) FILING DATE: 27-JUN-1991 46 (viii) ATTORNEY/AGENT INFORMATION: 47 (A) NAME: Monica F. Chin 48 (B) REGISTRATION NUMBER: 36,105 49 (C) REFERENCE/DOCKET NUMBER: 1615-2001 51 (ix) TELECOMMUNICATION INFORMATION: 52 (A) TELEPHONE: 202-638-5000				
W> 41 (A) APPLICATION NUMBER: US/07/903,797 42 (B) FILING DATE: W> 43 (A) APPLICATION NUMBER: IT MI91A001767 44 (B) FILING DATE: 27-JUN-1991 46 (viii) ATTORNEY/AGENT INFORMATION: 47 (A) NAME: Monica F. Chin 48 (B) REGISTRATION NUMBER: 36,105 49 (C) REFERENCE/DOCKET NUMBER: 1615-2001 51 (ix) TELECOMMUNICATION INFORMATION: 52 (A) TELEPHONE: 202-638-5000	W>			·
42 (B) FILING DATE: W> 43 (A) APPLICATION NUMBER: IT MI91A001767 44 (B) FILING DATE: 27-JUN-1991 46 (viii) ATTORNEY/AGENT INFORMATION: 47 (A) NAME: Monica F. Chin 48 (B) REGISTRATION NUMBER: 36,105 49 (C) REFERENCE/DOCKET NUMBER: 1615-2001 51 (ix) TELECOMMUNICATION INFORMATION: 52 (A) TELEPHONE: 202-638-5000				
W> 43 (A) APPLICATION NUMBER: IT MI91A001767 44 (B) FILING DATE: 27-JUN-1991 46 (viii) ATTORNEY/AGENT INFORMATION: 47 (A) NAME: Monica F. Chin 48 (B) REGISTRATION NUMBER: 36,105 49 (C) REFERENCE/DOCKET NUMBER: 1615-2001 51 (ix) TELECOMMUNICATION INFORMATION: 52 (A) TELEPHONE: 202-638-5000	w>			
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47 (A) NAME: Monica F. Chin 48 (B) REGISTRATION NUMBER: 36,105 49 (C) REFERENCE/DOCKET NUMBER: 1615-2001 51 (ix) TELECOMMUNICATION INFORMATION: 52 (A) TELEPHONE: 202-638-5000		_	,	
48 (B) REGISTRATION NUMBER: 36,105 49 (C) REFERENCE/DOCKET NUMBER: 1615-2001 51 (ix) TELECOMMUNICATION INFORMATION: 52 (A) TELEPHONE: 202-638-5000			(V111)	
49 (C) REFERENCE/DOCKET NUMBER: 1615-2001 51 (ix) TELECOMMUNICATION INFORMATION: 52 (A) TELEPHONE: 202-638-5000				
51 (ix) TELECOMMUNICATION INFORMATION: 52 (A) TELEPHONE: 202-638-5000				
52 (A) TELEPHONE: 202-638-5000			(4-5)	·
			(1X)	
53 (B) TELEFAX: 202-638-4810				
		53		(B) TELEFAX: 202-638-4810

RAW SEQUENCE LISTING DATE: 10/19/2004 PATENT APPLICATION: US/10/767,200 TIME: 10:52:44

Input Set : N:\Crf3\RULE60\10767200.raw.txt
Output Set: N:\CRF4\10192004\J767200.raw

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59 (2) INFORMATION FOR SEQ ID NO: 1:
61
        (i) SEQUENCE CHARACTERISTICS:
62
             (A) LENGTH: 65 amino acids
63
              (B) TYPE: amino acid
64
             (D) TOPOLOGY: linear
       (ii) MOLECULE TYPE: peptide
66
       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
68
70
        Val Val Tyr Thr Asp Cys Thr Glu Ser Gly Gln Asn Leu Cys Leu Cys
71
                                              10
73
        Glu Gly Ser Asn Val Cys Gly Gln Gly Asn Lys Cys Ile Leu Gly Ser
74
76
        Asp Gly Glu Lys Asn Gln Cys Val Thr Gly Glu Gly Thr Pro Lys Pro
77
                                     40
79
        Gln Ser His Asn Asp Gly Asp Phe Glu Glu Ile Pro Glu Glu Tyr Leu
80
                                 55
82
        Gln
83
        65
85 (2) INFORMATION FOR SEQ ID NO: 2:
        (i) SEQUENCE CHARACTERISTICS:
87
88
             (A) LENGTH: 65 amino acids
89
             (B) TYPE: amino acid
             (D) TOPOLOGY: linear
90
       (ii) MOLECULE TYPE: peptide
92
94
       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
96
        Ile Thr Tyr Thr Asp Cys Thr Glu Ser Gly Gln Asn Leu Cys Leu Cys
97
                                              10
        Glu Gly Ser Asn Val Cys Gly Lys Gly Asn Lys Cys Ile Leu Gly Ser
99
100
         Asn Gly Lys Gly Asn Gln Cys Val Thr Gly Glu Gly Thr Pro Asn Pro
102
103
                                      40
105
         Glu Ser His Asn Asn Gly Asp Phe Glu Glu Ile Pro Glu Glu Tyr Leu
106
                                  55
108
         Gln
109
         65
111 (2) INFORMATION FOR SEQ ID NO: 3:
113
         (i) SEQUENCE CHARACTERISTICS:
114
              (A) LENGTH: 65 amino acids
              (B) TYPE: amino acid
115
116
              (D) TOPOLOGY: linear
118
        (ii) MOLECULE TYPE: peptide
121
        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
123
         Val Val Tyr Thr Asp Cys Thr Glu Ser Gly Gln Asn Leu Cys Leu Cys
124
                                              10
126
         Glu Gly Ser Asn Val Cys Gly Gln Gly Asn Lys Cys Ile Leu Gly Ser
127
129
         Gln Gly Lys Asp Asn Gln Cys Val Thr Gly Glu Gly Thr Pro Lys Pro
130
                                      40
132
         Gln Ser His Asn Gln Gly Asp Phe Glu Pro Ile Pro Glu Asp Ala Asp
133
             50
                                  55
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PATENT APPLICATION: US/10/767,200 DATE: 10/19/2004
TIME: 10:52:44

Input Set : N:\Crf3\RULE60\10767200.raw.txt Output Set: N:\CRF4\10192004\J767200.raw

135		${f Glu}$														
136		65														
138	(2)	INFORMA	TION	FOR	SEQ	ID 1	NO:	4:								
139		(i) SE	QUEN	CE C	HARA	CTER	ISTI	CS:								
140		(A) L:	ENGT	H: 64	4 am	ino a	acid	5							
141		(B) T	YPE:	amin	no a	cid									
142		(C) S'	TRANI	DEDNI	ESS:	sing	gle								
143		(D) T	OPOL	OGY:	lin	ear									
145		(ii) MO	LECU:	LE T	YPE:	pep	tide									
147		(vi) OR	IGIN	AL S	OURCI	Ε:										
148		(.	A) 0	RGAN:	ISM:	Hir	uduna	aria	man:	ille	nsis					
150		(xi) SE	QUEN	CE DI	ESCR:	IPTI	ON:	SEQ :	D NO	0: 4	:					
152		Val Ser	Tyr	Thr	Asp	Cys	Thr	Glu	Ser	Gly	Gln	Asn	Tyr	Cys	Leu	Cys
153		1			5					10					15	
155		Val Gly	Gly	Asn	Leu	Cys	Gly	Gly	Gly	Lys	His	Cys	Glu	Met	Asp	Gly
156				20					25					30		
158		Ser Gly	Asn	Lys	Cys	Val	Asp	Gly	Glu	Gly	Thr	Pro	Lys	Pro	Lys	Ser
159			35					40					45			
161		Gln Thr	Glu	Gly	Asp	Phe	Glu	Glu	Ile	Pro	Asp	Glu	Asp	Ile	Leu	Asn
162		50					55					60				
164	(2)	INFORMA	TION	FOR	SEQ	ID I	.O.	5:								
164 165	(2)	INFORMA														
	(2)	(i) SE	QUEN		IARA(CTER	ISTI	CS:	5							
165	(2)	(i) SE (.	QUENG A) L	CE CE	IARA(I: 64	CTER: 1 am:	ISTIC ino a	CS:	3							
165 166	(2)	(i) SE (. (QUENC A) Li B) T	CE CI ENGTI	HARAC H: 64 amir	CTER: 1 am: 10 ac	ISTIC ino a cid	CS: acida	5							
165 166 167	(2)	(i) SE (. ()	QUENCA) LI B) T C) S	CE CI ENGTI YPE:	HARAC H: 64 amir DEDNE	CTER 1 am: 10 ac ESS:	ISTIC ino a cid sino	CS: acida	5							
165 166 167 168	(2)	(i) SE (. ()	QUENCA) LI B) T C) S D) T	CE CH ENGTH YPE: IRANI OPOLO	HARACH: 64 amir DEDNE	CTER: 1 am: no ac ESS: line	ISTIC ino a cid sino ear	CS: acida	3							
165 166 167 168 169	(2)	(i) SE (. ((QUENCA) LIB) TICON STORY	CE CI ENGTI YPE: IRANI OPOLO LE TY	HARAC H: 64 amir DEDNE DGY: YPE:	CTER: am: no ac ESS: line pept	ISTIC ino a cid sino ear	CS: acida	5							
165 166 167 168 169 171	(2)	(i) SE (. (i) (ii) MO (vi) OR	QUENCA) LIB) TOO C) STO D) TO LECUI	CE CI ENGTI YPE: IRANI OPOLO LE TY	HARACH: 64 amir DEDNE DGY: OURCE	CTER: 1 am: 10 ac ESS: line pept	ino a cid sino sino ear cide	CS: acida gle		iller	nsis					
165 166 167 168 169 171 173	(2)	(i) SE ((((((((QUENCA) LIB) TY C) SY D) TC LECUI GINA A) OR	CE CHENGTHE YPE: TRANI OPOLO LE TY AL SO RGANI CE DE	HARAC H: 64 amir DEDNE DGY: VPE: DURCE ISM:	CTER: 1 am: 10 ac ESS: 1ine pept E: Hirt	ISTIC ino a cid sing ear cide uduna	CS: acids gle aria SEQ 1	mani ID NO): 5:	:					
165 166 167 168 169 171 173	(2)	(i) SE (. (i) (ii) MO (vi) OR (.	QUENCA) LIB) TY C) SY D) TC LECUI GINA A) OR	CE CHENGTHE YPE: TRANI OPOLO LE TY AL SO RGANI CE DE	HARAC H: 64 amir DEDNE DGY: VPE: DURCE ISM:	CTER: 1 am: 10 ac ESS: 1ine pept E: Hirt	ISTIC ino a cid sing ear cide uduna	CS: acids gle aria SEQ 1	mani ID NO): 5:	:	Asn	Tyr	Cys	Leu	Cys
165 166 167 168 169 171 173 174	(2)	(i) SE ((((((((QUENCA) LIB) TY C) SY D) TC LECUI GINA A) OR	CE CHENGTHE YPE: TRANI OPOLO LE TY AL SO RGANI CE DE	HARAC H: 64 amir DEDNE DGY: VPE: DURCE ISM:	CTER: 1 am: 10 ac ESS: 1ine pept E: Hirt	ISTIC ino a cid sing ear cide uduna	CS: acids gle aria SEQ 1	mani ID NO): 5:	:	Asn	Tyr	Cys	Leu 15	Cys
165 166 167 168 169 171 173 174 176	(2)	(i) SE ((i) ((ii) MO (vi) OR ((xi) SE Val Ser	QUENCA) LI B) TY C) SY D) TC LECUI IGINA A) OI QUENC	CE CHENGTHE STREET STRE	HARAC H: 64 amir DEDNE DGY: (PE: DURCE ISM: ESCRI Asp 5	CTER 1 am: no ac ESS: line pept E: Hirt CYS	ISTIC ino a cid sing ear cide uduna DN: S	CS: acida gle aria SEQ I	mani ID NO Ser	0: 5: Gly 10	: Gln				15	
165 166 167 168 169 171 173 174 176 178	(2)	(i) SE ((i) ((ii) MO (vi) OR ((xi) SE (Val Ser 1 Val Gly	QUENG A) L1 B) T C) S D) T C LECUI IGINA A) OI QUENG Tyr Ser	CE CHENGTHE STAND STANDS OF THE TYPE SCREEN	HARAC H: 64 amir DEDNI DGY: VPE: DURCE ISM: ESCRI Asp 5 Val	CTER 1 am 10 ac 2SS: line pept 2: Hirt Cys Cys	ino acid sino aride cide cide cide con: S Thr	CS: acida gle aria SEQ I Glu	mani ID NO Ser Gly 25	Gly 10 Lys	: Gln Asn	Cys	Gln	Leu 30	15 Ser	Ser
165 166 167 168 169 171 173 174 176 178 179	(2)	(i) SE ((i) (ii) MO (vi) OR ((xi) SE Val Ser 1	QUENG A) L1 B) T C) S D) T C LECUI IGINA A) OI QUENG Tyr Ser	CE CHENGTHE STAND STANDS OF THE TYPE SCREEN	HARAC H: 64 amir DEDNI DGY: VPE: DURCE ISM: ESCRI Asp 5 Val	CTER 1 am 10 ac 2SS: line pept 2: Hirt Cys Cys	ino acid sino aride cide cide cide con: S Thr	CS: acida gle aria SEQ I Glu	mani ID NO Ser Gly 25	Gly 10 Lys	: Gln Asn	Cys	Gln	Leu 30	15 Ser	Ser
165 166 167 168 169 171 173 174 176 178 179 181	(2)	(i) SE (i) (i) (ii) MO (vi) OR (iii) SE (val Ser 1 Val Gly Ser Gly	QUENCA) LIBO TO SOLUTION TO SOLUTION TO SOLUTION TO SOLUTION SOLUT	CE CHENGTHE YPE: TRANIOPOLO LE TY AL SO RGANI CE DHETHE Thr Asn 20 Gln	HARACHE AMIN	CTER: 1 am: 10 ac ESS: 1inc pept E: Hirt Cys Cys Val	ino acid sing ear cide uduna ON: S Thr Gly	CS: acids gle aria SEQ I Glu Glu Gly 40	mani ID NO Ser Gly 25 Glu	Gly 10 Lys Gly	: Gln Asn Thr	Cys Pro	Gln Lys 45	Leu 30 Pro	15 Ser Lys	Ser Ser
165 166 167 168 169 171 173 174 176 178 179 181 182 184	(2)	(i) SE ((i) ((ii) MO (vi) OR ((xi) SE (Val Ser 1 Val Gly	QUENCA) LIBO TO SOLUTION TO SOLUTION TO SOLUTION TO SOLUTION SOLUT	CE CHENGTHE YPE: TRANIOPOLO LE TY AL SO RGANI CE DHETHE Thr Asn 20 Gln	HARACHE AMIN	CTER: 1 am: 10 ac ESS: 1inc pept E: Hirt Cys Cys Val	ino acid sing ear cide uduna ON: S Thr Gly	CS: acids gle aria SEQ I Glu Glu Gly 40	mani ID NO Ser Gly 25 Glu	Gly 10 Lys Gly	: Gln Asn Thr	Cys Pro	Gln Lys 45	Leu 30 Pro	15 Ser Lys	Ser Ser

RAW SEQUENCE LISTING ERROR SUMMARY PATENT APPLICATION: US/10/767,200

DATE: 10/19/2004 TIME: 10:52:45

Input Set : N:\Crf3\RULE60\10767200.raw.txt
Output Set: N:\CRF4\10192004\J767200.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 85 Seq#:2; Line(s) 111 Seq#:3; Line(s) 138 Seq#:4; Line(s) 164

VERIFICATION SUMMARY

- 4 4 Page 19

DATE: 10/19/2004 TIME: 10:52:45

PATENT APPLICATION: US/10/767,200

Input Set : N:\Crf3\RULE60\10767200.raw.txt

Output Set: N:\CRF4\10192004\J767200.raw

L:32 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:33 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]

L:39 M:238 W: Alpha Fields not Ordered, Reordered [(A) APPLICATION NUMBER:] of (1)(vii) L:41 M:238 W: Alpha Fields not Ordered, Reordered [(A) APPLICATION NUMBER:] of (1)(vii)

L:43 M:238 W: Alpha Fields not Ordered, Reordered [(A) APPLICATION NUMBER:] of (1)(vii)

file://C:\CRF4\Outhold\VsrJ767200.htm